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R	M	CCR	5,845,389	12/1998		ROBERT	rs et a	al.	29		596					
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30	m	GGR	5,191,257		03/1993		SUGIYAMA				31					
		HHR	3,450,913	06/19	69	BAKER et al.				310						
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-8/	5~~	JJR	4,454,464	06/1984		STROUD							198			
RO	M	KKR	5,132,581	07/1992		KUSASE				310		26				
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